

iM8 VET Series

Multi-parameter Veterinary Monitor

Mounting Solutions



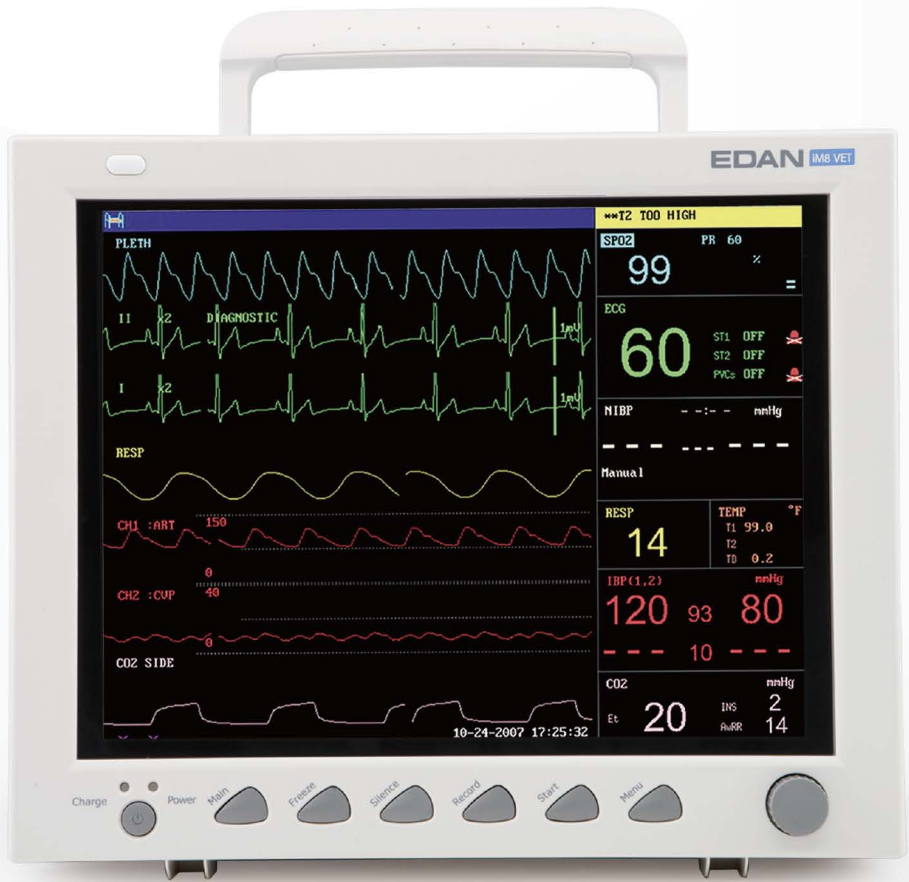
Specification

Physical Specification	
Device Dimension:	320 mm (L) x 150 mm (W) x 265 mm (H)
Weight:	approx. 5 kg
Display	
Color TFT LCD:	12.1" (iM8 VET), 10.1" (iM8B VET)
Resolution:	800 x 600 (iM8 VET) 800 x 480 (iM8B VET)
Traces Displayed:	Up to 8
Waveforms Displayed:	Up to 11
Sweep Speed:	6.25, 12.5, 25, 50 mm/s
ECG	
Lead Type:	5-lead and 3-lead selectable
Gain:	Auto, x 0.125, x 0.25, x 0.5, x 1, x 2, x 4
Sweep Speed:	6.25, 12.5, 25, 50 mm/s
ECG HR Range:	15~350 bpm
Resolution:	1 bpm
Accuracy:	±1 bpm or ±1% (whichever is greater)
Filter:	Diagnostic Mode: 0.05~150 Hz Monitoring Mode: 0.5~40 Hz Surgical Mode: 1~20 Hz
ST-Segment Detection:	Measurement Range: -2.0 mV~2.0 mV Alarm Range: -2.0 mV~2.0 mV
RESP	
Method:	Trans-thoracic impedance
Operation Mode:	Auto/Manual
RR Measurement Range:	6~150 rpm
Resolution:	1 rpm
Apnea Alarm Threshold:	10, 15, 20, 25, 30, 35, 40 s
Band Width:	0.2-2.5 Hz (-3 dB)
SpO2	
Measurement & Alarm Range:	0~100% (EDAN SpO2)
Resolution:	1%;
Accuracy:	±2% (70~100%)
PR Measurement:	25~350 bpm
Resolution:	1 bpm
Accuracy:	±2 bpm
NIBP	
Method:	Automatic Oscillometric
Operation Modes:	Manual/Automatic/Continuous
Auto Measurement Time Interval:	1, 2, 3, 4, 5, 10, 15, 30, 60, 90, 120, 240, 480 minutes
Measurement Unit:	mmHg/kPa
Measurement Types:	Systolic, Diastolic, Mean, PR
Pressure Range:	Big Cuff: Systolic: 40~270 mmHg Diastolic: 10~215 mmHg Mean: 20~235 mmHg Medium Cuff: Systolic: 40~200 mmHg Diastolic: 10~150 mmHg Mean: 20~165 mmHg Small Cuff: Systolic: 40~135 mmHg Diastolic: 10~100 mmHg Mean: 20~110 mmHg
Resolution:	1 mmHg
Accuracy:	±3 bpm or 3.5%, whichever is greater
PR from NIBP Measurement Range:	40~240 bpm
Resolution:	1 bpm
IBP (2 Channels, optional)	
Measurement Range:	-50~300 mmHg
Resolution:	1 mmHg
Accuracy:	±2% or ±1 mmHg (whichever is greater)
Sensitivity:	5 μV/V/mmHg
Impedance Range:	300~3000 Ω
Philips Respironics CO2 (Optional)	
Type:	Sidestream/Mainstream
Range:	0~150 mmHg
Accuracy:	±2 mmHg 0~40 mmHg ±5% 41~70 mmHg ±8% 71~100 mmHg ±10% 101~150 mmHg
AwRR Accuracy:	±1 rpm
CO2 (By EDAN Instruments, optional) Sidestream	
Range:	0~13% (0-100 mmHg)
Accuracy:	±2 mmHg <5.0 % CO2 <6% of the reading >5.0 % CO2
AwRR Accuracy:	1% or ± 1 rpm (Whichever is greater)
Sample Flow Rate:	50~250 ml/min, adjustable
Temperature (2 Channels, 1 probe by default)	
Measurement /Alarm Range:	0~50 °C (32-122 °F)
Resolution:	0.1 °C
Accuracy:	±0.1 °C (without probe)
Channel:	Dual-channel. Provide T1; T2; ΔT
Thermal Recorder (Optional)	
Print Speed:	25, 50 mm/s
Power Supply	
AC Power:	100~240 V AC, 50/60 Hz
Battery:	14.8 V Rechargeable Li-ion Battery

EDAN

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Multi-Parameter Veterinary Monitor



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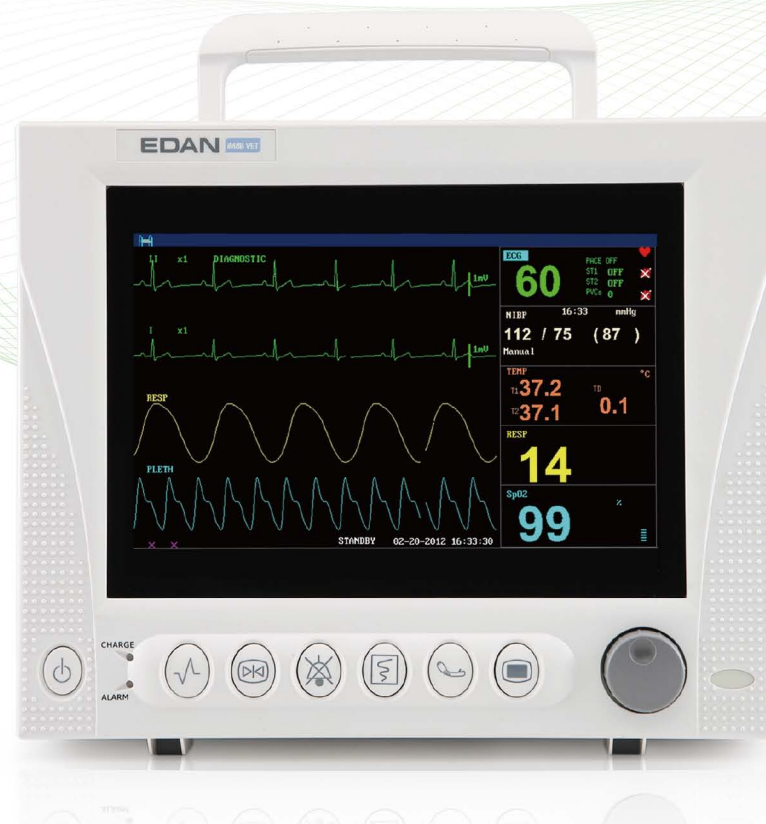
ENG-VM-iM8 VET-V1.2-20120809

Care for Health

EDAN



iM8 VET
12.1" Color TFT-LCD Screen



iM8B VET
10.1" Color TFT-LCD Screen

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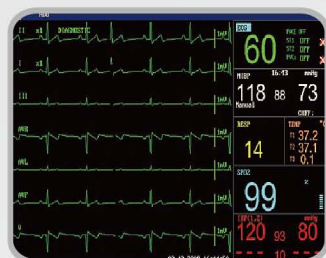


- High resolution color TFT-LCD Screen
- Defibrillation and electrosurgical interference protection
- Pitch tone (Pulse-tone modulation)
- VGA output(optional)
- Suitable for feline, canine and other animals

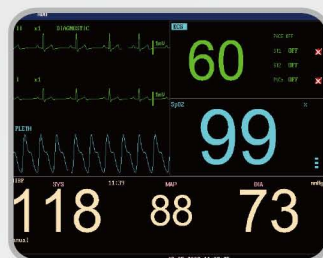
Standard Parameters: 3/5-lead ECG, RESP, EDAN SpO₂, NIBP, PR, 2-TEMP

Optional: 2-IBP, Respironics CO₂ (iM8 VET), EDAN CO₂ (iM8B VET), Thermal Recorder

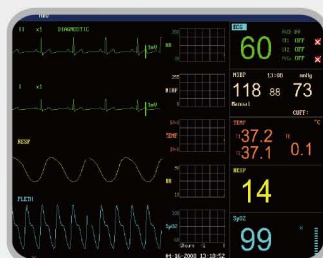
> Display Modes



3/5-lead ECG Analysis



Large Font



Trend Screen

500

NIBP Measurement
Review

96 h

Trend Review

60

Alarm Review

720 s

Frozen
Waveform

> Respironics CO₂ (Mainstream/Sidestream, optional)



LoFlo™



CAPNOSTAT® 5

- Proven ruggedness - Solid state design
- No need to calibrate on a regular basis
- Sidestream sampling rate of 50 ml/min

